



AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at line 10 on page 32 with the following corrected paragraph:

Figure 9 is a schematic of an embodiment of the cooler valve [[50]] 60. In this example, the valve type is a globe valve with a bilinear trim. The body 170 is constructed, for example of carbon steel. The flanges 172 are used to connect the valve [[50]] 60 in the piping system. Other connection types, such as screwed connections, may be used to install the valve [[50]] 60 into the coolant piping. The coolant flows through the port 174. The trim may be defined as the plug 176 and the seat 178. The bilinear flow (Cv) behavior of the valve may be obtained by machining the plug 176 and/or the seat 178. Figure 9A is an exploded view of the plug 176 and is an example of a custom-machined plug used to give bilinear behavior of the flow characteristic (Cv). The valve may operate by an actuator (not shown) moving the valve stem 180 vertically to raise and lower the plug 176. The valve stem 180 may merge with an actuator stem (not shown).